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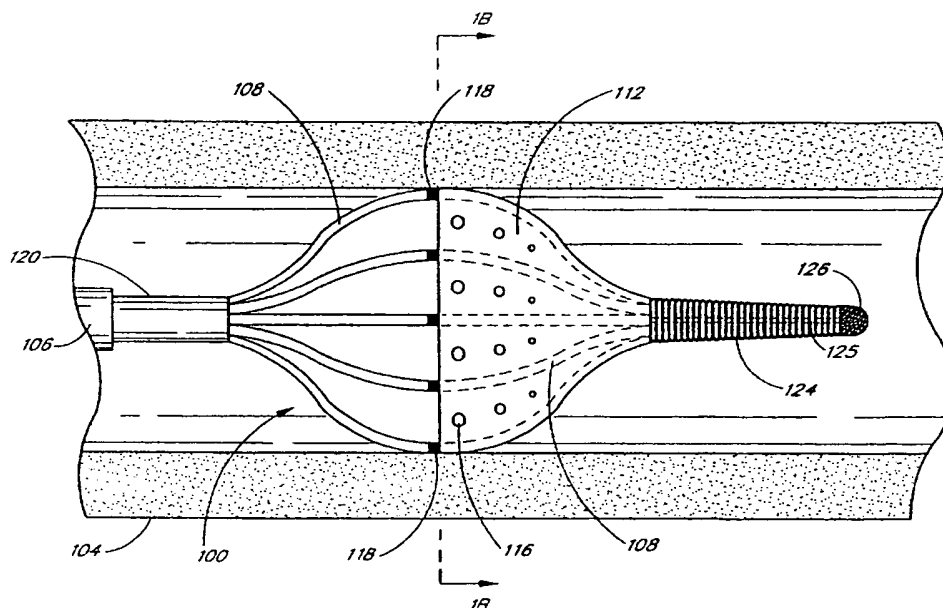
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09/470,919 23 December 1999 (23.12.1999) US</p> <p>(71) Applicant: PERCUSURGE, INC. [US/US]; 540 Oakmead Parkway, Sunnyvale, CA 94085 (US).</p> <p>(72) Inventors: MCGILL, Scott, A.; 129 Hillview Avenue, Redwood City, CA 94062 (US). BAGAOISAN, Celso, J.; 4441 Pomponi Street, Union City, CA 94587 (US). PATEL, Mukund, R.; 427 Ridgefarm Drive, San Jose, CA 95123 (US). ERRAZO, Arlene, L.; 953 E. Duane Avenue,</p> | <p>Sunnyvale, CA 94085 (US). NOOL, Jeffrey, A.; 460 Coyote Creek Circle, San Jose, CA 95716 (US). ZADNO-AZIZI, Gholam-Reza; 8213 Del Monte Avenue, Newark, CA 94560 (US).</p> <p>(74) Agent: ALTMAN, Daniel, E.; Knobbe, Martens, Olson and Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).</p> <p>(81) Designated States (<i>national</i>): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.</p> <p>(84) Designated States (<i>regional</i>): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,</p> |
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(54) Title: VASCULAR FILTERS WITH RADIOPAQUE MARKINGS



(57) **Abstract:** Vascular filters are disclosed which have radiopaque markings that indicate the extent to which the filter has expanded. The markings thus provide an indication to the user as to whether the filter has been properly deployed in the vessel. In preferred embodiments, the deployed filter acts as a perfusion-filter to allow for the perfusion of blood while simultaneously capturing emboli which may be generated as a result of a vascular procedure such as angioplasty. A membrane with holes therein may be used for the purpose of allowing the perfusion of blood while entraining emboli and other particulates.

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